

CLAIMS

I claim:

1. A carrier for interconnecting a PC card device to a personal computer, comprising:
  - a carrier having a front, and a rear, the front has an opening for receiving at least one PC card, the rear has a plug for removeably interconnecting the carrier with a docking assembly;
  - a PC card device having adapter circuitry mounted on the carrier and coupled to the plug, the adapter circuitry including at least one PC card slot.
2. A carrier as set forth in claim 1, wherein the PC card device has two card slots.
3. A carrier as set forth in claim 1, wherein the PC card device has a PCMCIA type III slot and a COMPACT FLASH slot for reading and writing to PC cards of various configurations.
4. A carrier as set forth in claim 2, wherein the adapter circuitry includes an IDE interface pin connector and the IDE interface pin connector couples with the plug.
5. A carrier as set forth in claim 3, wherein the PC card device includes a ribbon cable extending from the IDE interface pin connector to the plug.
6. A carrier as set forth in claim 1, wherein the carrier includes a folding handle mounted on the front.

1           7.     A carrier and docking assembly in combination for removeably  
2     interconnecting a PC card device with a computer, comprising:  
3                 a docking assembly configured to be fixed in a bay of a computer housing, the  
4     docking assembly includes a plug for the carrier, a power connector and a pin connector,  
5     the pin connector is adapted for connection with an IDE interface; and  
6                 the carrier including a PC card device and a plug, the carrier plug removeably  
7     interconnects with the docking assembly plug to enable the PC card device to  
8     communicate with the IDE interface.

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10           8.     A carrier and docking assembly as set forth in claim 7, wherein the  
11     docking assembly has width of 5 ¼ inches for inserting the carrier in a 5 ¼ inch memory  
12     storage bay.

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14           9.     A carrier and docking assembly as set forth in claim 7, wherein the  
15     docking assembly has a width of 3 ½ inches for inserting the carrier in a 3 ½ inch  
16     memory storage bay.

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18           10.    A carrier and docking assembly as set forth in claim 7, wherein the carrier  
19     and docking assembly have rails for aligning the carrier with a docking assembly.

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21           11.    A carrier and docking assembly as set forth in claim 7, wherein the carrier  
22     has a handle for removing the carrier from the docking assembly and for carrying the  
23     carrier.

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25           12.    A carrier and docking assembly as set forth in claim 7, wherein the carrier  
26     has a fan.

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13. A carrier and docking assembly in combination for removeably  
interconnecting a fan with a computer, comprising:  
a docking assembly configured to be fixed in a bay of a computer housing, the  
docking assembly includes a power connector;  
a carrier including a fan, the carrier removeably plugs into the plug of the docking  
assembly to enable the fan to cool the computer.

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